

Converting Colors

Hex(759BD8)

Have a look what the booklet for
Hex(759BD8) contains.

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Color

Hex(759BD8)

Conversions

Conversions Part 1

Format	Color
Hex	759BD8
RGB	117, 155, 216
RGB Percent	46%, 61%, 85%
CMY	0.5412, 0.3922, 0.1529
CMYK	0.46, 0.28, 0.00, 0.15
HSL	217°, 56%, 65%
HSV	217°, 46%, 85%
XYZ	31.4521, 32.1825, 69.5199
YIQ	150.5920, -42.2290, 10.9150

Conversions

Conversions Part 2

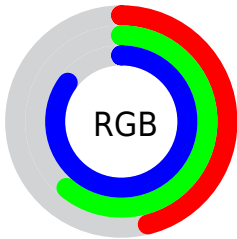
Format	Color
RYB	117, 144, 216
Decimal	7707608
CIELab	63.49, 3.19, -35.16
CIElCh	63, 35.306, 275.192
Yxy	32.1825, 0.2362, 0.2417
Android (android.graphics.Color)	4285897688 (0xFF759BD8)
YUV	150.5920, 32.2461, -29.4602
Hunter-Lab	56.7296, -0.3125, -32.9468

Details

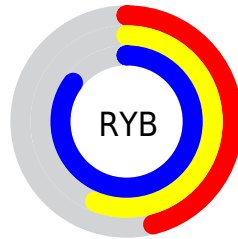
The Hex color **759BD8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D8B275**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADD1FF**, and **3D68A1** is the 20% darker color. If you saturate the color by 10%, you get **5F8ED8**, and if you desaturate by 10%, it is **8BA8D8**.

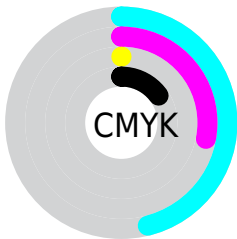
Distribution



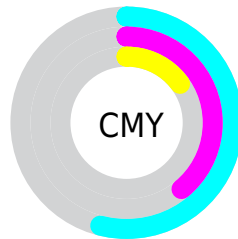
- Red (46%)
- Green (61%)
- Blue (85%)



- Red (46%)
- Yellow (56%)
- Blue (85%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759BD8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 759BD8 by changing the saturation by 10% instead.

■ 759BD8

■ 759BD8

FFFFFF

■ 5981BC

■ ADD1FF

■ 3D68A1

■ CAEDFF

■ 1D5086

■ E7FFFF

■ 003A6D

■ 002554

■ 000F3D

■ 000326

■ 00010F

■ 000000

 759BD8

 759BD8

 5F8ED8

 8BA8D8

 4A80D8

 A0B6D8

 3473D8

 B6C3D8

 1F66D8

 CBD0D8

 0958D8

 E1DED8

 0053D8

 F7EBD8

 FFF8D8

 FFFFD8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3CA4D2



759BD8



A590CD

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



759BD8



D48577



61A87E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



759BD8



D8B275

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88A365



759BD8



C48F61

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



759BD8



D68195



A99A5A



34AB9E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



759BD8



BD88BE



A99A5A



6EA775

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



759BD8



DBE9FF



75D8B0



6A7280



000000



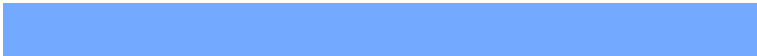
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



759BD8



73A9FF



7F75D8



60656B



0042AB



00112B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D8759B



FF73A9



CED875



6B6065



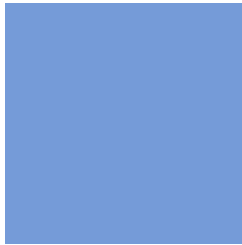
AB0042



2B0011

Previews

White Background



This preview shows how the Hex color 759BD8 looks on a white background.

Color Contrast Check

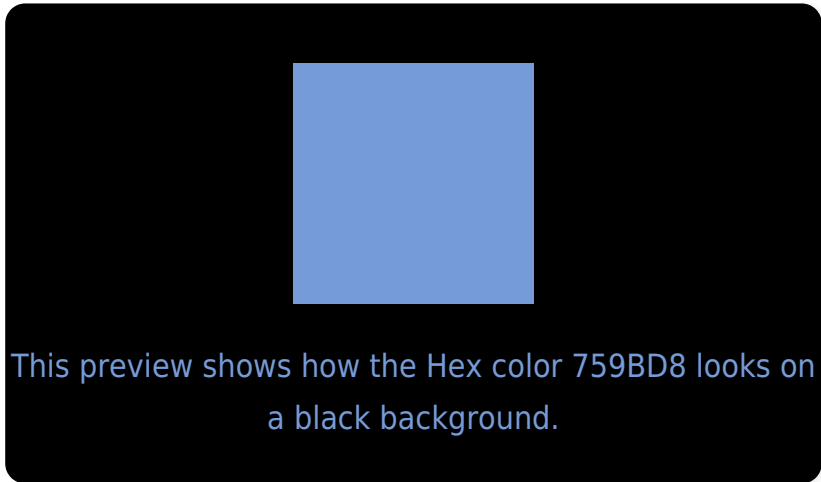
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

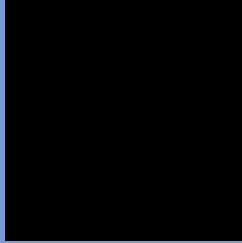
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

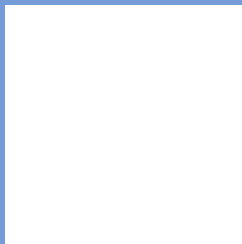
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 759BD8 Background



This preview shows how black text looks on a background with the Hex color 759BD8.



This preview shows how white text looks on a background with the Hex color 759BD8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

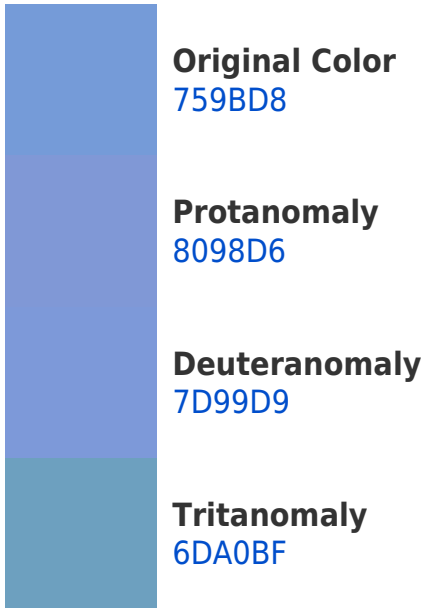
Dichromacy



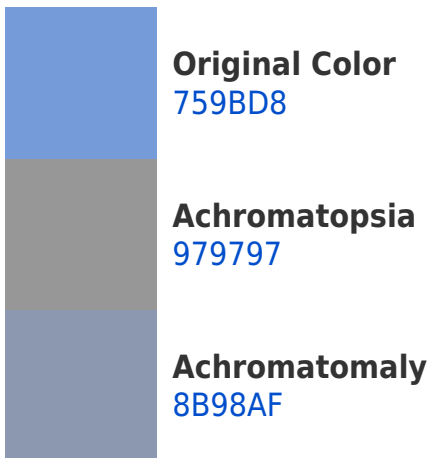


Tritanopia
69A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 759BD8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #759BD8 looks like.

```
.text, #text, p{  
    color:#759BD8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #759BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759BD8  
}
```

Border

The CSS property to change the border of an element to Hex 759BD8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#759BD8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#759BD8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #759BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759BD8; -webkit-box-shadow:4px 4px  
4px 4px #759BD8; box-shadow:4px 4px 4px  
4px #759BD8 }
```

Background

The CSS property to change the background color of an element to Hex 759BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759BD8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#759BD8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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